

Title (en)

Methods and apparatus for recording video and information signals.

Title (de)

Verfahren und Gerät zur Aufzeichnung von Video- und Informationssignalen.

Title (fr)

Procédé et appareil d'enregistrement de signaux vidéo et de signaux d'information.

Publication

**EP 0470815 A1 19920212 (EN)**

Application

**EP 91307229 A 19910806**

Priority

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- JP 21259890 A 19900810

Abstract (en)

Video and information signals, such as audio signals, are recorded (16, 17) in oblique tracks on a magnetic tape (18) having a wrap angle of no more than 180 DEG by timebase converting (3A, 3B, 6a, 6b, 11) at least the video signal which then is time division multiplexed (14A, 14B) with the information signal. The time division multiplexed signals are recorded (16, 17) sequentially in a length of rack that is less than the wrap angle to form successive tracks. <IMAGE> <IMAGE>

IPC 1-7

**H04N 9/81**

IPC 8 full level

**G11B 27/036** (2006.01); **H04N 5/7826** (2006.01); **H04N 5/928** (2006.01); **H04N 9/797** (2006.01); **H04N 9/81** (2006.01); **G11B 27/032** (2006.01)

CPC (source: EP US)

**G11B 27/036** (2013.01 - EP US); **H04N 5/78266** (2013.01 - EP US); **H04N 5/928** (2013.01 - EP US); **H04N 9/7973** (2013.01 - EP US); **H04N 9/81** (2013.01 - EP US); **G11B 27/032** (2013.01 - EP US); **G11B 2220/90** (2013.01 - EP US)

Citation (search report)

- [A] DE 3843821 A1 19900628 - BROADCAST TELEVISION SYST [DE]
- [A] EP 0360719 A1 19900328 - FRANCE ETAT [FR], et al
- [A] US 4743977 A 19880510 - YOSHIOKA ATSUSHI [JP], et al
- [XP] IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, vol. 36, No. 4, November 1990, New York, US S. IWAMURA et al. "Video signal processing in HD VCR for baseband/MUSE analog recording" pages 777-785
- [A] IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, vol. CE-33, No. 1, February 1987, New York, US M. ITOGA et al. "Wideband recording techno-logy for high-definition baseband VCRs" pages 203-209

Cited by

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DE FR NL

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**EP 0470815 A1 19920212**; **EP 0470815 B1 19970102**; DE 69123895 D1 19970213; DE 69123895 T2 19970430; US 5287196 A 19940215

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